

FIGURE 1

Applicant: Sophie Lehar et al.  
 Title: NOVEL TH2-SPECIFIC MOLECULES AND USES THEREOF  
 Attorney/Agent: Kerri Pollard Schray  
 Docket No.: MPI1998-067CP2CN1A(M)  
 Sheet 1 of 11 Sheets

1 MGRAWGLLVG .. LLGVVW .. LLRLGHGEER ..... RPETAQRFCQV .. SGYLDDCTCDVETIDKFN m1022  
 1 MGRGWGFLFG .. LLGAVV .. LLSSGHGEE Q.....P PETAQRFCQV .. SGYLDDCTCDVETID RENN h1022  
 1 ALKMRLLI VVPV LIGLVWQ1 LIR AELDGVSFMYISANSGAGSYVRTKKGNA LKEGF CSL TMDVVSQ X60951

59 YR .. LPRLOKLLSDYFRYKVNKKPCFW .. NDINOCRRDCAVKPCHSDEVPDGIKSASYKYSEEA m1022  
 59 YR .. LPRLOKLLSDYFRYKVNKK PCFW .. NDI SOCRRDCAVKPC QSDVPDGIKSASYKYSEEA h1022  
 70 NTEGITGL LNNITSH P YFRY FKVNL DRE CRY WVAEASCT CDSNG CQICT QDSDGI PETL K... YPYD... X60951

125 NR · IEECEQARLGAVDESLEETQKAVLQWTKHDDSSDSFCDEID NFECE ADD WICWSSKKKVF m1022  
 125 NNL IEECEQARLGAVDESLEETQKAVLQWTKHDDSSD ER RT A PDKHAKGFEDEI.....KPIDPDR h1022  
 134 ---MSDVSAV ER RT A PDKHAKGFEDEI.....KPIDPDR X60951

181 LLNPERYTGKGPDAWRIWVSVIYEENCFKPKQTIQRLR ..... SGRGSKENTFYNWLEGLCWEKRAFYRLI m1022  
 195 LLNPERYTGKGPDAWRIWVSVIYEENCFKPKQTI KRIW NVIYEENCFKPKQTI K RPL NPLA SGQIGTSE ENTFY S WLEGLCWEKRAFYRLI h1022  
 173 IQNPE AN TGY SGP KAARVQAV YD NC .....NIDQLP SNTAGV EN R..... EK ALLRQ L L X60951

248 SGLHASINVL SARVLLQDT ..... WLEKKWGHNVTEFOO .. RFDGILTEGEQPRRLRNLYFLYLIEL m1022  
 265 SGLHASINVL SARVLLQ ET ..... WLEKKWGHNVTEFOO .. RFDGILTEGEQPRRL RNLYFLYLIEL h1022  
 224 SGLH TSI TMHVA A-FFYN DT KGDSPLRS L GVLNPN NISFYPCGM FRR I VKND E...FI RNL FVV YQFV L X60951

309 RALSKVL · PFERPDF .. QLFNGKQVDAENKALLLEILHEIKSFPLH · FDENSFFAGDKNEAIKKEDE m1022  
 326 RALSKVL · PFERPDF .. QLFNGK I OD EENK MLLLEILHEIKSFPLH · FDENSFFAGDK KEAHLKKEDE h1022  
 290 RALVA KTKRA FLANSLLYNSG FNGAATDGDVRLYSNIGE LFSS KLF RVAT FDE QK FF --ESPG AHL L VRQM X60951

375 RLHFRNISRMDCVGCFCRLWGKLTQGLGTALKILFSEKLIANMPESGSPSYEFQTRQEI VSLFNAFG m1022  
 392 RLHFRNISRMDCVGCFCRLWGKLTQGLGTALKILFSEKLIANMPESGSPSYEF H LTRQEI VSLFNAFG h1022  
 358 KRNVH NVTTL MDCV TCEKRA WAGKL ETAA LIA TALKI VFG.....SAENVVE LNRGERVALIN·FA X60951

445 R · ISTSVRELENFRILLQNVH  
 462 R · ISTSV KELENER NLLON I H  
 417 RQLAI SV KNRSLAAVCEKFNYSAMS

Decoration 'Decoration #1': Shade (with solid black) residues that match m1022 exactly.

## FIGURE 2

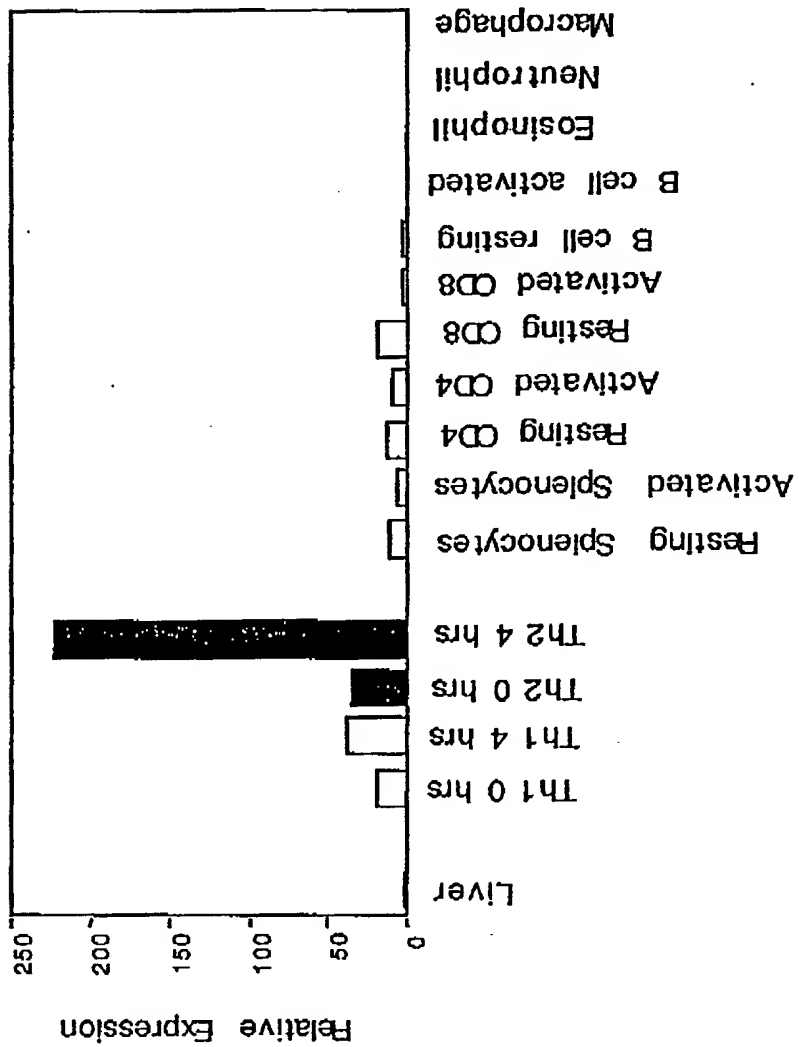
[illegible]

[illegible]

### FIGURE 3

MAFL	-----	MAFL	-----	MAFL	-----	MNFI	ISAKLVFVPWLWNKMAFI	ERNTV	KFSVDLQVCQ	LSD	VPLVN	ATVF	GKMRLDGG	SFE	US8728 (1326268)
1		1		1		1		1		1		1		1	
445		445		445		445		445		445		445		445	
SLSSREEVQENCVRWRKRFTFVCKMSANPATGLLDPC	---	SLSSREEVQENCVRWRKRFTFVCKMSANPATGLLDPC	---	SLSSREEVQENCVRWRKRFTFVCKMSANPATGLLDPC	---	SLSSREEVQENCVRWRKRFTFVCKMSANPATGLLDPC	---	SLSSREEVQENCVRWRKRFTFVCKMSANPATGLLDPC	---	SLSSREEVQENCVRWRKRFTFVCKMSANPATGLLDPC	---	SLSSREEVQENCVRWRKRFTFVCKMSANPATGLLDPC	---	SLSSREEVQENCVRWRKRFTFVCKMSANPATGLLDPC	---
EATE	RVEFO	EATE	RVEFO	EATE	RVEFO	EATE	RVEFO	EATE	RVEFO	EATE	RVEFO	EATE	RVEFO	EATE	RVEFO
161		161		161		161		161		161		161		161	
LNLAEFAGSG	--	LNLAEFAGSG	--	LNLAEFAGSG	--	LNLAEFAGSG	--	LNLAEFAGSG	--	LNLAEFAGSG	--	LNLAEFAGSG	--	LNLAEFAGSG	--
I NL	SEYASG	VEGIS	RTYLL	N	GY-TS	NQR	L	DNS	KVIC	KVA	MTHQ	SADP	F	F	RVP
105		105		105		105		105		105		105		105	
SIPGQDSSLQLTCKGGGTSSGGSS	---	SIPGQDSSLQLTCKGGGTSSGGSS	---	SIPGQDSSLQLTCKGGGTSSGGSS	---	SIPGQDSSLQLTCKGGGTSSGGSS	---	SIPGQDSSLQLTCKGGGTSSGGSS	---	SIPGQDSSLQLTCKGGGTSSGGSS	---	SIPGQDSSLQLTCKGGGTSSGGSS	---	SIPGQDSSLQLTCKGGGTSSGGSS	---
163		163		163		163		163		163		163		163	
FHSGHSRNSSYASQSK	L	SGYSTEHRS	SSLSDL	THRNTSTSSASGGL	---	FHSGHSRNSSYASQSK	L	SGYSTEHRS	SSLSDL	THRNTSTSSASGGL	---	FHSGHSRNSSYASQSK	L	SGYSTEHRS	SSLSDL
FRADETD	SEEGT	-----SS	HPKL	S	NVDV	L	ESSAA	S	NS	-----Q	---	V	DE	P	VVE
EREHR	PSEKPPR	---	PPEKPPR	PRPLHLSDRSFRKKDSVESHTWVDDTRIDAD	---	EREHR	PSEKPPR	---	PPEKPPR	PRPLHLSDRSFRKKDSVESHTWVDDTRIDAD	---	EREHR	PSEKPPR	---	PPEKPPR
EREHR	-----	---	PQH	P	TCQL	----	RRF	SQDRSAQK	-----IQHS	---	RRF	SQDRSAQK	-----IQHS	---	RRF
R RVIH	-----	---	PQH	P	TCQL	----	RRF	SQDRSAQK	-----IQHS	---	RRF	SQDRSAQK	-----IQHS	---	RRF
194		194		194		194		194		194		194		194	
- QSQDFTDGSNTEDSNLR	---	- QSQDFTDGSNTEDSNLR	---	- QSQDFTDGSNTEDSNLR	---	- QSQDFTDGSNTEDSNLR	---	- QSQDFTDGSNTEDSNLR	---	- QSQDFTDGSNTEDSNLR	---	- QSQDFTDGSNTEDSNLR	---	- QSQDFTDGSNTEDSNLR	---
ACRISE	DEVESNSGG	LVLEK	F	L	DKH	GKPL	VNPR	O	PVK	RTS	---	Y	VAE	HFN-DA	---
343		343		343		343		343		343		343		343	
FVSRDGS	T	TLSGIQL	GN	RVSSGVYEPVVIESH	---	FVSRDGS	T	TLSGIQL	GN	RVSSGVYEPVVIESH	---	FVSRDGS	T	TLSGIQL	GN
135		135		135		135		135		135		135		135	
TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---
163		163		163		163		163		163		163		163	
TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---
135		135		135		135		135		135		135		135	
TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---
135		135		135		135		135		135		135		135	
TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---
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TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---
135		135		135		135		135		135		135		135	
TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---
135		135		135		135		135		135		135		135	
TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK	---	TLTGSRPPK									

Decoration '1': Shade (with solid black) residues that match h1419 exactly.



FOOTNOTES  
FIGURE 4

FOOT" 5456860

FIGURE 5

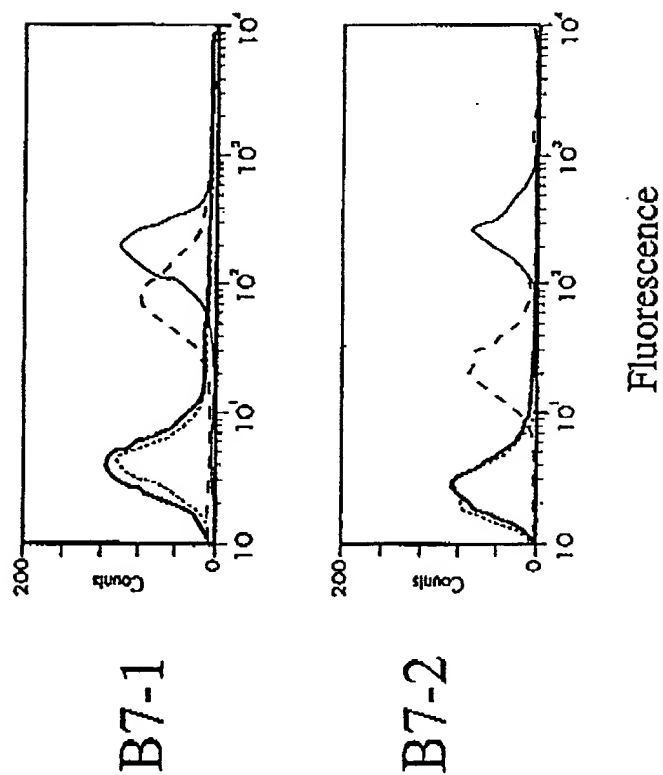
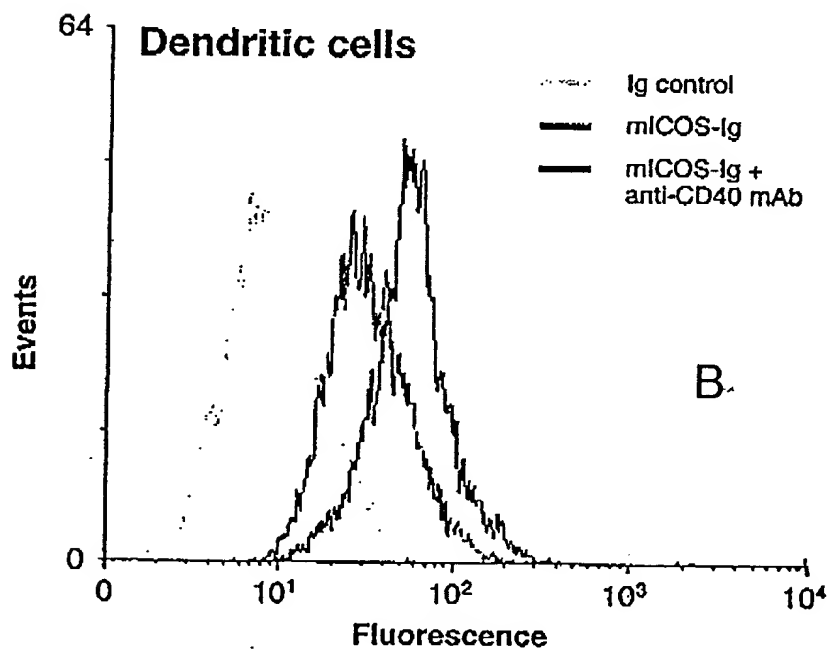
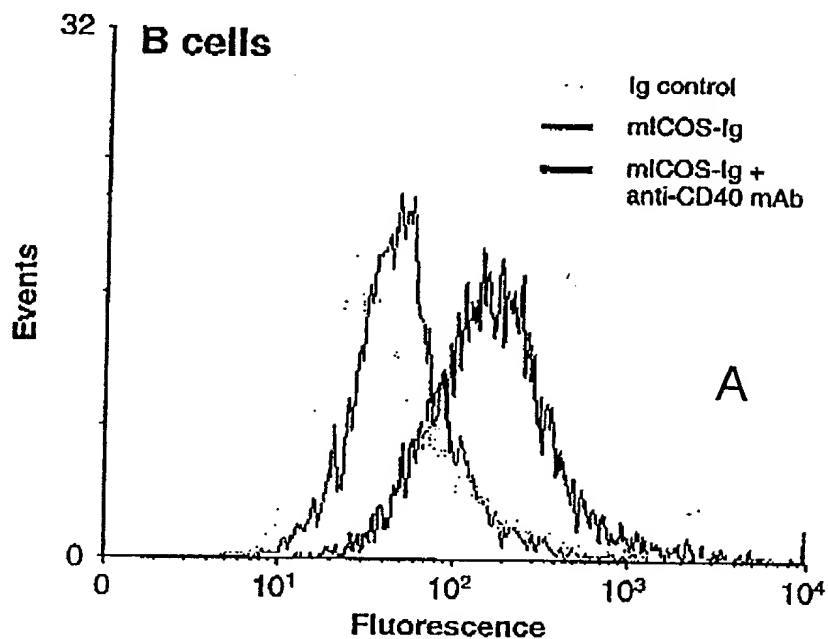


FIGURE 6



0989543-11001  
DOCKET# 54568660

FIGURE 7

FOOT 5456860

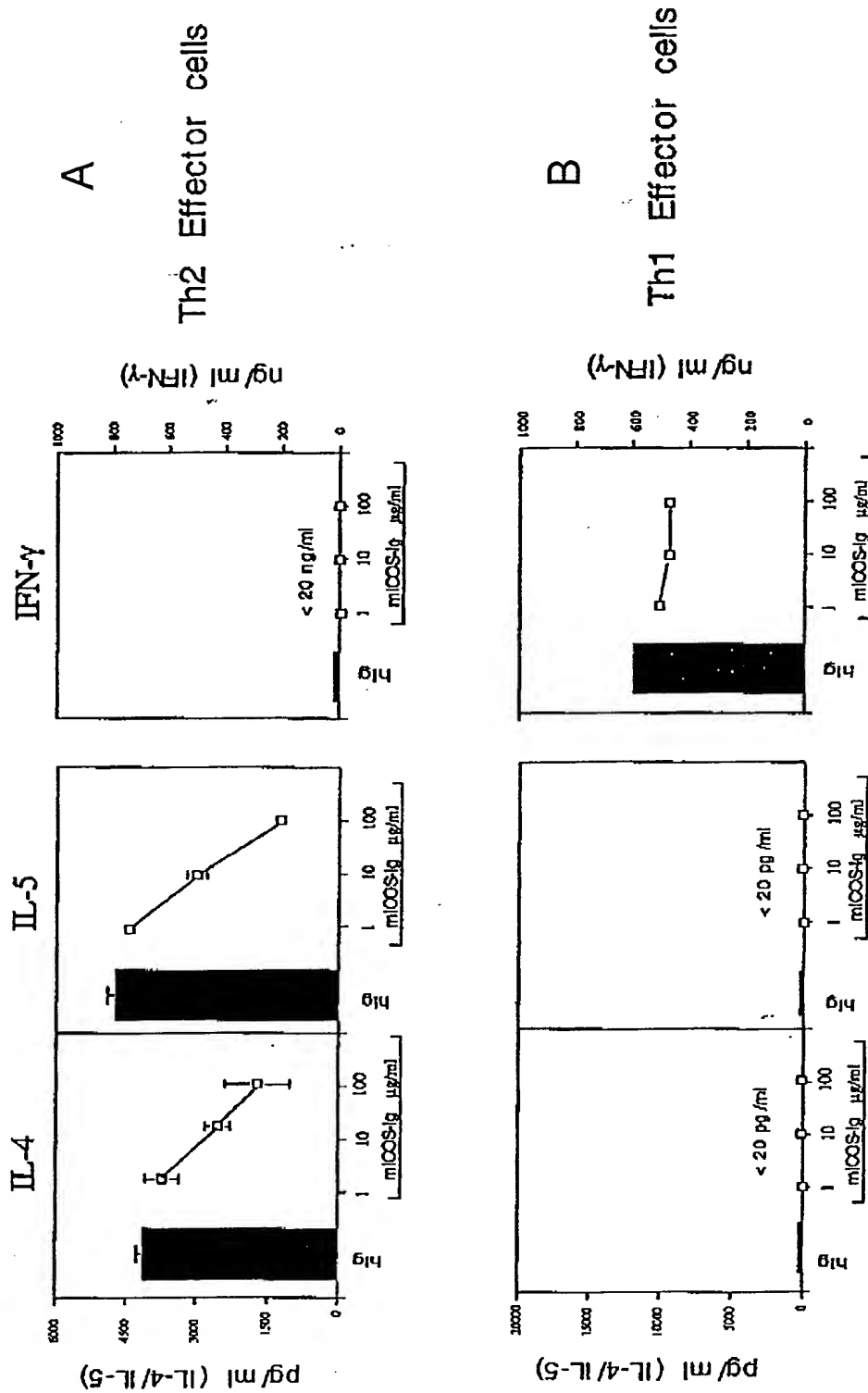


FIGURE 8

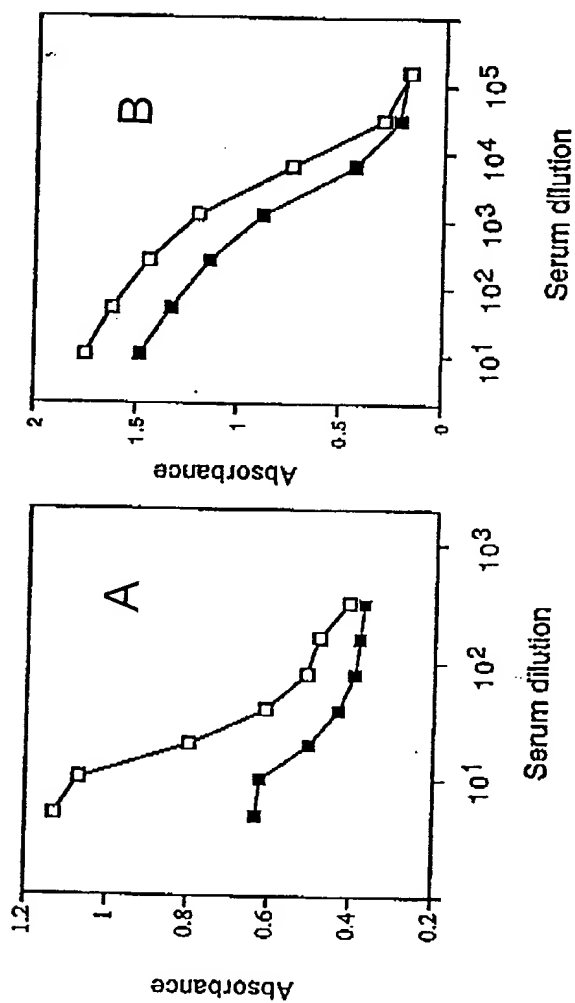
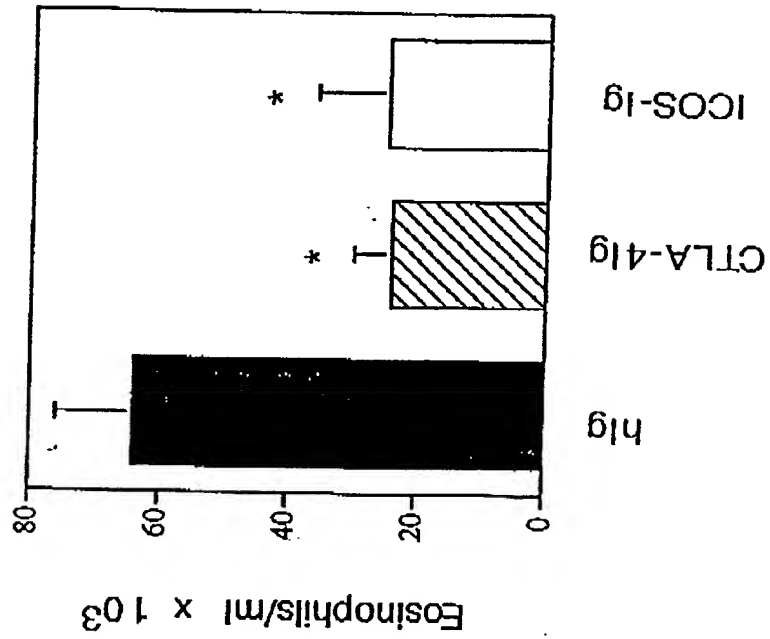




FIGURE 9



DOCKET SHEET 9

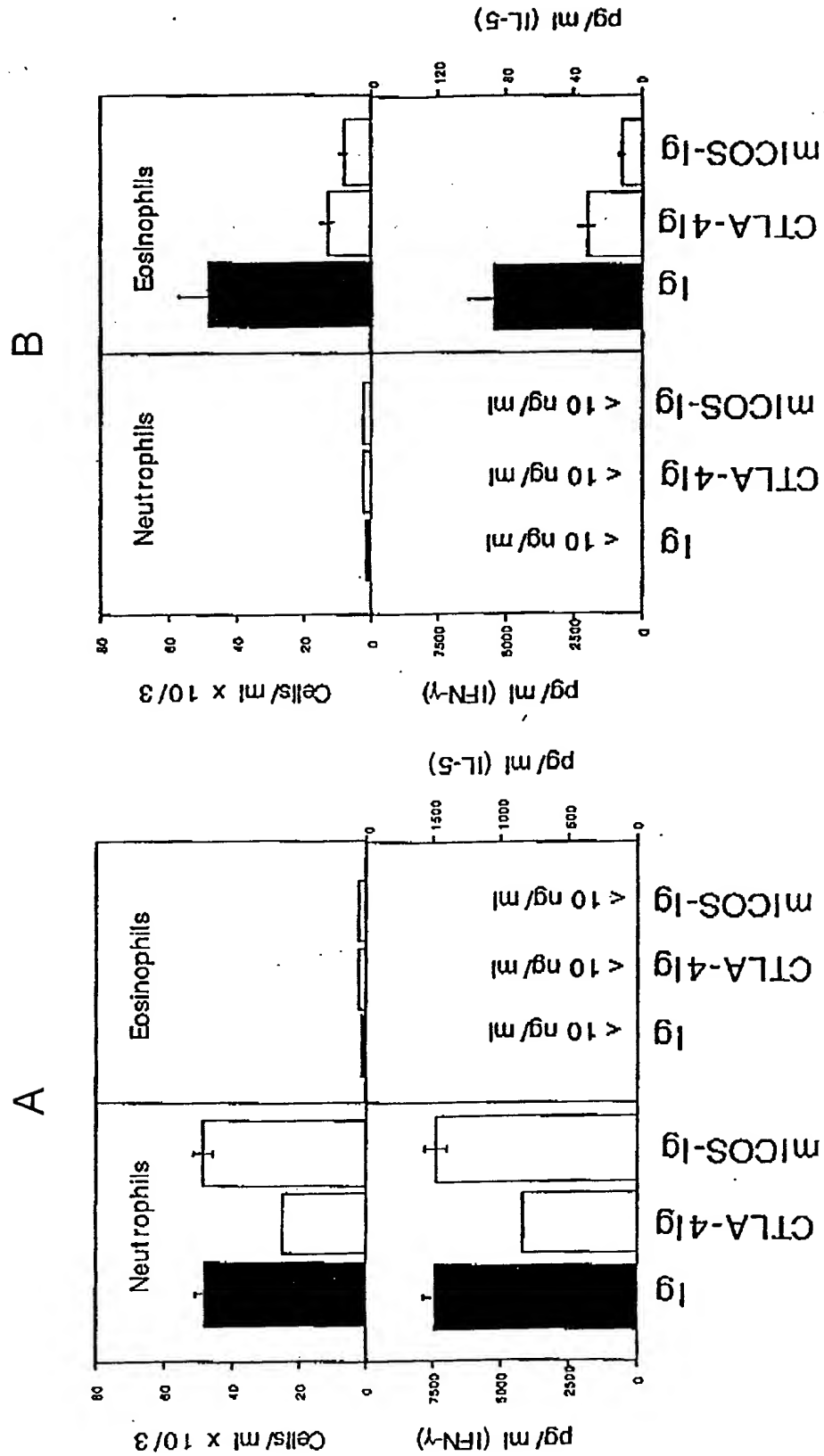


FIGURE 10

